

## AMINOCARBOXYLIC ACID BREAKER COMPOSITIONS FOR FRACTURING FLUIDS

### Abstract of the Disclosure

5           It has been discovered that aminocarboxylic acids are effective breakers  
for polymer-gelled aqueous fracturing fluids, particularly in the temperature range  
between about 120°F (49°C) and about 280° F (138°C). The aminocarboxylic  
acids are believed to act directly on the polymer and not to any great extent or not  
10   to as an effective extent on a crosslinking agent, if present. The polymer may be  
a polysaccharide, and the aminocarboxylic acid may be selected from the group  
including, but not necessarily limited to, tetrasodium ethylenediaminetetraacetic  
acid (Na<sub>4</sub>EDTA), tetrasodium propylenediaminetetraacetic acid (Na<sub>4</sub>PDTA), triso-  
dium hydroxyethylenediaminetetraacetic acid (Na<sub>4</sub>HEDTA), trisodium nitrilotriace-  
15   tic acid (Na<sub>3</sub>NTA), salts of these acids, and mixtures thereof.